

filed

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: 235.00010101	Serial No.: 09/701,947
	Applicant: Elliot Altman	Confirmation No.: 9854
	Application Filing Date: Dec. 5, 2000	Group: 1652
	Supplemental Information Disclosure Statement mailed: May <u>8</u> , 2003	

### U.S. PATENT DOCUMENTS


Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
SWL	X	2001/0056075 A1	12/27/01	Gyuris et al.			

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

### OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
SWL	X	Ast et al., "A rapid and sensitive bacterial assay to determine the inhibitory effect of 'interface' peptides on HIV-1 protease co-expressed in <i>Escherichia coli</i> ," <i>J. Virological Methods</i> , 1998;71:77-85.
SWL	X	Roseman, "Hydrophilicity of polar amino acid side-chains is markedly reduced by flanking peptide bonds," <i>J Mol Biol.</i> 1988 Apr 5;200(3):513-522.

EXAMINER 	Date Considered <u>3-18-04</u>
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: 235.00010101	Serial No.: 09 701.947
	Applicant: Elliot Altman	Confirmation No.: 9854
	Application Filing Date: Dec. 5, 2000	Group: 1652
	Supplemental Information Disclosure Statement mailed: May 8 2003	

MAY 13 2003

**U.S. PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	X	2001/0056075 A1	12/27/01	Gyuris et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Examiner Initial	Copy Enclosed	Document Description
	X	Ast et al. "A rapid and sensitive bacterial assay to determine the inhibitory effect of 'interface' peptides on HIV-1 protease expressed in <i>Escherichia coli</i> ." <i>J. Virological Methods</i> , 1998; 71:77-85.
	X	Roseman. "Hydrophobicity of polar amino acid side-chains is markedly reduced by flanking peptide bonds." <i>J Mol Biol.</i> 1988 Apr 5;200(3):513-522.

<b>EXAMINER</b>	<b>Date Considered</b>
<p>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

<b>INFORMATION DISCLOSURE STATEMENT</b>		<b>Atty. Docket No.:</b> 235.0001 0101		<b>Serial No.:</b> Not Assigned				
				09/701947				
		<b>Applicant(s):</b> Altman						
		<b>Filing Date:</b> herewith		<b>Group:</b> unknown				
<b>U.S. PATENT DOCUMENTS</b>								
<b>Examiner Initial</b>		<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>SubClass</b>	<b>Filing Date If Appropriate</b>	
		5,589,364	12/31/96	Williams et al.				
		5,654,451	08/05/97	Kari				
		5,792,831	08/11/98	Maloy				
<b>FOREIGN PATENT DOCUMENTS</b>								
		<b>Document Number</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>SubClass</b>	<b>Translation</b>	
							<b>Yes</b>	<b>No</b>
		WO 90/07862	07/26/90	PCT				
		WO 92/07071	04/30/92	PCT				
		WO 93/03156	02/18/93	PCT				
		WO 96/40721	12/19/96	PCT				
		WO 97/04110	02/06/97	PCT				
		WO 99/35494	07/15/99	PCT				
		WO 99/36554	07/22/99	PCT				
		WO 99/53079	10/21/99	PCT				
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>								
		Agerberth et al., "Amino Acid Sequence of PR-39. Isolation from Pig Intestine of a New Member of the Family of Lysine-arginine-rich Antibacterial Peptides," <u>Eur J Biochem.</u> , 202(3):849-854 (1991).						
		Banner et al., "Structure of the Cole1 Rop Protein at 1.7 Å Resolution," <u>J. Mol. Biol.</u> , 196:657-675 (1987).						
		Betz et al., "De Novo Design of Native Proteins: Characterization of Proteins Intended to Fold into Antiparallel, Rop-like, Four-Helix Bundles," <u>Biochemistry</u> , 36:2450-2458 (1997).						
		Cunningham et al., "Proline Specific Peptidases," <u>Biochi. Biophys. Acta</u> , 1343:160-186 (1997).						
		Frank et al., "Amino Acid Sequences of Two Proline-rich Bactenecins. Antimicrobial Peptides of Bovine Neutrophils," <u>J. Biol. Chem.</u> , 265(31):18871-18874 (1990).						
		Giza et al., "A Self-inducing Runaway-replication Plasmid Expression System Utilizing the Rop Protein," <u>Gene</u> , 78(1):73-84 (1989).						
		National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus ECOLAC 7477 pb ds-DNA, Accession No. J01636, "E. coli Lactose Operon with lacI, lacZ, lacY and lacA Genes," [online]. Bethesda, MD (Sept. 15, 1989).<URL: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=146575&amp;dopt=GenBank">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=146575&amp;dopt=GenBank</a> , (13 pgs.).						

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 235.0001 0101	Serial No.: not assigned
		09/701947
	Applicant(s): Altman	
	Filing Date: herewith	Group: unknown

		National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus SYPB322 4361 bp DNA circular SYN, Accession No. J01749, "Plasmid pBR322, Complete Genome," [online]. Bethesda, MD (May 20, 1991). <URL: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=208958&amp;dopt=GenBank">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=208958&amp;dopt=GenBank</a> , (13 pgs.).
		National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus SYNPU8CV 2665 bp DNA circular SYN, Accession No. L09132, "pUC8c Cloning Vector (beta-galactosidase mRNA on Complementary Strand)," [online]. Bethesda, MD (March 4, 1993). <URL: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=146575&amp;dopt=GenBank">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=146575&amp;dopt=GenBank</a> , (18 pgs.).
		Munson et al., "Speeding up Protein Folding: Mutations that Increase the Rate at Which Rop folds and Unfolds by Over Four Orders of Magnitude," <u>Folding &amp; Design</u> , 2:77-87 (1997).
		Plow et al., "Inhibition of Fibrinogen Binding to Human Platelets by the Tetrapeptide Glycyl-L-prolyl-L-arginyl-L-proline," <u>Proc. Natl. Acad. Sci. USA</u> , 79:3711-3715 (1982).
		Soberon et al., "Construction and Characterization of New Cloning Vehicles. IV. Deletion Derivatives of pBR322 and pBR325," <u>Gene</u> , 9(3-4):287-305 (1980).
		Steif et al., "Subunit Interactions Provide a Significant Contribution to the Stability of the Dimeric Four- $\alpha$ -Helical-Bundle Protein ROP," <u>Biochemistry</u> , 32(15):3867-3875 (1993).
		Vanhoof et al., "Proline Motifs in Peptides and Their Biological Processing," <u>FASEB J.</u> , 9:736-744 (1995).
		Walter et al., "Proline Specific Endo- and Exopeptidases," <u>Mol. Cell. Bioch.</u> , 30(2):111-127 (1980).
		Yansura et al., "Use of the <i>Escherichia coli</i> lac Repressor and Operator to Control Gene Expression in <i>Bacillus subtilis</i> ," <u>Proc. Natl. Acad. Sci. USA</u> , 81:439-443 (1984).
		Yaron et al., "Proline-Dependent Structural and Biological Properties of Peptides and Proteins," <u>Crit. Rev. Biochem. Mol. Biol.</u> , 28(1):31-81 (1993).

EXAMINER	Date Considered
<p>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

<b>INFORMATION DISCLOSURE STATEMENT</b>		Atty. Docket No.: 235.0001 0101		Serial No.: 09/701,947			
				Confirmation No.:			
		Applicant(s): Elliot Altman					
		Filing Date: December 5, 2000		Group: Unknown			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
		NONE					
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	SubClass	Translation Yes No
		NONE					
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
		Altman et al., "Characterization of Region in Mature LamB Protein That Interacts with a Component of the Export Machinery of <i>Escherichia coli</i> ", <u>J. Biol. Chem.</u> , 265(30):18148-18153 (1990).					
		Amann et al., "'ATG vectors' for regulated high-level expression of cloned genes in <i>Escherichia coli</i> ", <u>Gene</u> , 40:183-190 (1985).					
		Amann et al., "Tightly regulated <i>tac</i> promoter vectors useful for the expression of unfused and fused proteins in <i>Escherichia coli</i> ", <u>Gene</u> , 69:301-315 (1988).					
		Bai et al., "Structural Specificity of Mucosal-Cell Transport and Metabolism of Peptide Drugs: Implication for Oral Peptide Drug Delivery", <u>Pharmaceutical Res.</u> , 9(8):969-978 (1992).					
		Bai et al., "Targeting of Peptide and Protein Drugs to Specific Sites in the Oral Route", <u>Crit. Rev. Ther. Drug Carrier Systems</u> , 12(4):339-371 (1995).					
		Balbás et al., "Plasmid vector pBR322 and its special-purpose derivatives - a review", <u>Gene</u> , 50:3-40 (1986).					
		Beremand et al., "Synthesis, Cloning, and Expression in <i>Escherichia coli</i> of a Spinach Acyl Carrier Protein-1 Gene", <u>Arch. Biochem. Biophys.</u> , 256(1):90-100 (1987).					
		Bolivar et al., "Construction and Characterization of New Cloning Vehicles", <u>Gene</u> , 2:95-113 (1977).					

<b>EXAMINER</b>	<b>Date Considered</b>
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 235 0001 0101 E	Serial No.: 09/701,947
		Confirmation No.:
	Applicant(s): Elliot Altman	
	Filing Date: December 3, 2000	Group: Unknown

		Brosius et al., "Regulation of ribosomal RNA promoters with a synthetic <i>lac</i> operator", <u>Proc. Nat'l. Acad. Sci. USA</u> , 81:6929-6933 (1984).
		Brownlees et al., "Peptidases, Peptides, and the Mammalian Blood-Brain Barrier", <u>J. Neurochem.</u> , 60(3):793-803 (1993).
		Casadaban et al., "Analysis of Gene Control Signals by DNA Fusion and Cloning in <i>Escherichia coli</i> ", <u>J. Mol. Biol.</u> , 138:179-207 (1980).
		Cesareni et al., "Control of ColE1 DNA replication: The <i>rop</i> gene product negatively affects transcription from the replication primer promoter", <u>Proc. Nat'l. Acad. Sci. USA</u> , 79:6313-6317 (1982).
		Chou et al., "Prediction of the Secondary Structure of Proteins from Their Amino Acid Sequence", <u>Adv. Enzymol.</u> , 47:45-148 (1978).
		Chou, "Prediction of Protein Structural Classes from Amino Acid Compositions", in <u>Prediction of Protein Structure and the Principles of Protein Conformation</u> , Fasman, G.D. ed., Plenum Press, New York, N.Y., pp. 549-586 (1989).
		Creighton, <u>Proteins - Structures and Molecular Properties</u> , W.H. Freeman and Company, N.Y., pp. 182-186 (1993).
		Cwirla et al., "Peptides on phage: A vast library of peptides for identifying ligands", <u>Proc. Nat'l. Acad. Sci. USA</u> , 87:6378-6382 (1990).
		Devlin et al., "Random Peptide Libraries: A Source of Specific Protein Binding Molecules", <u>Science</u> , 249:204-406 (1990).
		Eberle et al., "Proton Nuclear Magnetic Resonance Assignments and Secondary Structure Determination of the ColE1 <i>rop</i> (rom) Protein", <u>Biochemistry</u> , 29:7402-7407 (1990).
		Egleton et al., "Bioavailability and Transport of Peptides and Peptide Drugs into the Brain", <u>Peptides</u> , 18(9):1431-1439 (1997).
		Eichler et al., "Peptide, Peptidomimetic, and Organic Synthetic Combinatorial Libraries", <u>Medicinal Research Reviews</u> , 15(6):481-496 (1995).
		Eren et al., "Chemical Synthesis and Expression of a Synthetic Gene for the Flavodoxin from <i>Clostridium</i> MP", <u>J. Biol. Chem.</u> , 264(25):14874-14879 (1989).
		Garnier et al., "Analysis of the Accuracy and Implications of Simple Methods for Predicting the Secondary Structure of Globular Proteins" <u>J. Mol. Biol.</u> , 120:97-120 (1978).

EXAMINER	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: 235.0001 P.F. 01	Serial No.: 09/701,947
		Confirmation No.:
	Applicant(s): Elliot Altman	
	Filing Date: December 29, 2000	Group: Unknown

	Ghosh et al., "cDNA Cloning, Expression, and Rapid Purification of a Kunitz-Type Winged Bean Chymotrypsin Inhibitor", <u>Protein Expression and Purification</u> , 10:100-106 (1997).
	Godson, "An over-expression plasmid for <i>Escherichia coli</i> primase", <u>Gene</u> , 100:59-64 (1991).
	Graña et al., "The Effects of Mutations in the <i>ant</i> Promoter of Phage P22 Depend on Context", <u>Genetics</u> , 120:319-327 (1988).
	Grosjean et al., "Preferential codon usage in prokaryotic genes: the optimal codon-anticodon interaction energy and the selective codon usage in efficiently expressed genes", <u>Gene</u> , 18:199-209 (1982).
	Guyer et al., "Identification of a Sex-factor-affinity Site in <i>E. coli</i> as $\gamma\delta$ , Cold Spring Harbor Symp. Quant. Biol., 45:135-140 (1980).
	Ikemura, "Correlation between the Abundance of <i>Escherichia coli</i> Transfer RNAs and the Occurrence of the Respective Codons in its Protein Genes: A Proposal for a Synonymous Codon Choice that is Optimal for the <i>E. coli</i> Translational System", <u>J. Mol. Biol.</u> , 151:389-409 (1981).
	Itakura et al., "Expression in <i>Escherichia coli</i> of a Chemically Synthesized Gene for the Hormone Somatostatin", <u>Science</u> , 198:1056-1063 (1977).
	Klein et al., "The detection and classification of membrane-spanning proteins", <u>Biochim. Biophys. Acta</u> , 815:468-476 (1985).
	Lam, "Application of combinatorial library methods in cancer research and drug discovery", <u>Anti-Cancer Drug Design</u> , 12:145-167 (1997).
	Lebl et al., "Synthetic Peptide Libraries", in <u>Meth. Enzymol.</u> , 289:336-392 (1997).
	Lin-Chao et al., "High copy number of the pUC plasmid results from a Rom/Rop-suppressible point mutation in RNA II", <u>Mol. Microbiol.</u> , 6(22):3385-3393 (1992).
	Lowman, "Bacteriophage Display and Discovery of Peptide Leads For Drug Development", <u>Annu. Rev. Biophys. Biomol. Struct.</u> , 26:401-424 (1997).
	Miller, "Experiments in Molecular Genetics", <u>Cold Spring Harbor Laboratory</u> , Cold Spring Harbor, N.Y., Title Page and Table of Contents (1972).
	Miller et al., "An <i>E. coli</i> Gene Product Required for $\lambda$ Site-Specific Recombination" <u>Cell</u> , 20:711-719 (1980).

<b>EXAMINER</b>	<b>Date Considered</b>
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 235.0001 0101	Serial No.: 09/701,947
	FEB 13 2001	
	Confirmation No.:	
	Applicant(s): Elliot Altman	
	Filing Date: December 5, 2000	Group: Unknown

	Miller et. al., "Interior and Surface of Monomeric Proteins" <u>Mol. Biol.</u> 196:641-656 (1987).
	Miller, "Protein Degradation and Proteolytic Modification", <u>Escherichia coli and Salmonella</u> , Cellular and Molecular Biology, 2nd Edition (Neidhardt, F.C. ed.), ASM Press, Washington, D.C., Vol. 1:938-954 (1996).
	Müller-Hill, "Lac Repressor and Lac Operator", <u>Prog. Biophys. Molec. Biol.</u> , 30(2/3):227-252 (1975).
	Müller-Hill, <u>The lac Operon: A Short History of a Genetic Paradigm</u> , Walter de Gruyter, Berlin, New York, Title Page and Table of Contents (1996).
	O'Neil et al., "A Thermodynamic Scale for the Helix-Forming Tendencies of the Commonly Occurring Amino Acids", <u>Science</u> , 250:646-651 (1990).
	Ooki et al., "High level expression of rat $\gamma$ -D-crystallin in <i>Escherichia coli</i> ", <u>Biochemie</u> , 76(5):398-403 (1994).
	Posfai et al., "Overproduction of the <i>Bacillus sphaericus</i> R modification methylase in <i>Escherichia coli</i> and its purification of homogeneity", <u>Gene</u> , 50:63-67 (1986).
	Raleigh et al. "McrA and McrB restriction phenotypes of some <i>E. coli</i> strains and implications for gene cloning", <u>Nucleic Acids Research</u> , 16:1563-1575 (1988).
	Ranie et al., "Cloning of the triosephosphate isomerase gene of <i>Plasmodium falciparum</i> and expression in <i>Escherichia coli</i> ", <u>Molecular and Biochemical Parasitology</u> , 61:159-169 (1993).
	Rawlings et al., "Evolutionary families of peptidases", <u>Biochem J.</u> , 290:205-218 (1993).
	Sanders, "Drug delivery systems and routes of administration of peptide and protein drugs", <u>European Journal of Drug Metabolism and Pharmacokinetics</u> , 15(2):95-102 (1990).
	Scott et al., "Searching for Peptide Ligands with an Epitope Library", <u>Science</u> , 249:386-390 (1990).
	Scrutton et al., "Purification and characterization of glutathione reductase encoded by a cloned and over-expressed gene in <i>Escherichia coli</i> ", <u>Biochem J.</u> , 245:875-880 (1987).
	Sherman et al, "Methionine or Not Methionine at the Beginning of a Protein", <u>BioEssays</u> , 3(1):27-31 (1985).

EXAMINER	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 235.0001 0901	<b>Serial No.:</b> 09/701,947
		<b>Confirmation No.:</b>
	<b>Applicant(s):</b> Elliot A. Man	
	<b>Filing Date:</b> December 5, 2000	<b>Group:</b> Unknown

		Singer et al., "A Collection of Strains Containing Genetically Linked Alternating Antibiotic Resistance Elements for Genetic Mapping of <i>Escherichia coli</i> ", <u>Microbiol. Rev.</u> , 53(1):1-24 (1989).
		Smith et al., "[15] Libraries of Peptides and Proteins Displayed on Filamentous Phage", <u>Meth. Enzymol.</u> , 217:228-257 (1993).
		Studier et al., "Use of Bacteriophage T7 RNA Polymerase to Direct Selective High-level Expression of Cloned Genes", <u>J. Mol. Biol.</u> , 189:113-130 (1986).
		Studier et al., "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes", <u>Meth. Enzymol.</u> , 185:60-89 (1990).
		Studier, "Use of Bacteriophage T7 Lysozyme to Improve an Inducible T7 Expression System", <u>J. Mol. Biol.</u> , 219:37-44 (1991).
		Vieira et al., "The pUC plasmids, an M13mp7-derived system for insertion mutagenesis and sequencing with synthetic universal primers", <u>Gene</u> , 19:259-268 (1982).
		Wearley, "Recent Progress in Protein and Peptide Delivery by Noninvasive Routes", <u>Crit. Rev. Ther. Drug Carrier Systems</u> , 8(4):331-394 (1991).
		Weisemann et al., "Direct Selection of Mutations Reducing Transcription or Translation of the <i>recA</i> Gene of <i>Escherichia coli</i> with a <i>recA-lacZ</i> Protein Fusion", <u>J. Bacteriol.</u> , 163(2):748-755 (1985).
		Wolfenden et al., "Affinities of Amino Acid Side Chains for Solvent Water", <u>Biochemistry</u> , 20:849-855 (1981).
		Yanisch-Perron et al., "Improved M13 phage cloning vectors and host strains: nucleotide sequences of the M13mp18 and pUC19 vectors", <u>Gene</u> , 33:103-119 (1985).
		Zukowski et al., "Chromogenic identification of genetic regulatory signals in <i>Bacillus subtilis</i> based on expression of cloned <i>Pseudomonas</i> gene, <u>Proc. Nat'l. Acad. Sci. USA</u> , 80:1101-1105 (1983).

**EXAMINER****Date Considered**

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION  
DISCLOSURE  
STATEMENT**

Atty. Docket No.: 235.0001 0101

Serial No.: Not Assigned

Applicant(s): Altman

Filing Date: herewith

Group: unknown

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
swl	5,589,364	12/31/96	Williams et al.			
swl	5,654,451	08/05/97	Kari			
swl	5,792,831	08/11/98	Maloy			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	SubClass	Translation	
						Yes	No
swl	WO 90/07862	07/26/90	PCT				
	WO 92/07071	04/30/92	PCT				
	WO 93/03156	02/18/93	PCT				
	WO 96/40721	12/19/96	PCT				
	WO 97/04110	02/06/97	PCT				
	WO 99/35494	07/15/99	PCT				
	WO 99/36554	07/22/99	PCT				
swl	WO 99/53079	10/21/99	PCT				

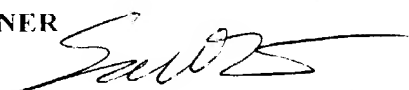
**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

swl	Agerberth et al., "Amino Acid Sequence of PR-39. Isolation from Pig Intestine of a New Member of the Family of Proline-arginine-rich Antibacterial Peptides," <u>Eur J Biochem.</u> , 202(3):849-854 (1991).
	Banner et al., "Structure of the ColE1 Rop Protein at 1.7 Å Resolution," <u>J. Mol. Biol.</u> , 196:657-675 (1987).
	Betz et al., "De Novo Design of Native Proteins: Characterization of Proteins Intended to Fold into Antiparallel, Rop-like, Four-Helix Bundles," <u>Biochemistry</u> , 36:2450-2458 (1997).
	Cunningham et al., "Proline Specific Peptidases," <u>Biochi. Biophys. Acta</u> , 1343:160-186 (1997).
	Frank et al., "Amino Acid Sequences of Two Proline-rich Bactenecins. Antimicrobial Peptides of Bovine Neutrophils." <u>J. Biol. Chem.</u> , 265(31):18871-18874 (1990).
	Giza et al., "A Self-inducing Runaway-replication Plasmid Expression System Utilizing the Rop Protein." <u>Gene</u> , 78(1):73-84 (1989).
swl	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus ECOLAC 7477 pb ds-DNA. Accession No. J01636, "E. coli Lactose Operon with lacI, lacZ, lacY and lacA Genes." [online]. Bethesda, MD (Sept. 15, 1989).<URL: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=146575&amp;dopt=GenBank">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=146575&amp;dopt=GenBank</a> . (13 pgs.).

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 235.0001 0101	<b>Serial No.:</b> not assigned
	<b>Applicant(s):</b> Altman	
	<b>Filing Date:</b> herewith	<b>Group:</b> unknown

SWL		National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus SYNBR322 4361 bp DNA circular SYN, Accession No. J01749, "Plasmid pBR322, Complete Genome," [online]. Bethesda, MD (May 20, 1991). <URL: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=208958&amp;dopt=GenBank">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=208958&amp;dopt=GenBank</a> , (13 pgs.).
		National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus SYNBR8CV 2665 bp DNA circular SYN, Accession No. L09132, "pUC8c Cloning Vector (beta-galactosidase mRNA on Complementary Strand)," [online]. Bethesda, MD (March 4, 1993). <URL: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=146575&amp;dopt=GenBank">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=Nucleotide&amp;list_uids=146575&amp;dopt=GenBank</a> , (18 pgs.).
		Munson et al., "Speeding up Protein Folding: Mutations that Increase the Rate at Which Rop folds and Unfolds by Over Four Orders of Magnitude," <u>Folding &amp; Design</u> , 2:77-87 (1997).
		Plow et al., "Inhibition of Fibrinogen Binding to Human Platelets by the Tetrapeptide Glycyl-L-prolyl-L-arginyl-L-proline," <u>Proc. Natl. Acad. Sci. USA</u> , 79:3711-3715 (1982).
		Soberon et al., "Construction and Characterization of New Cloning Vehicles. IV. Deletion Derivatives of pBR322 and pBR325," <u>Gene</u> , 9(3-4):287-305 (1980).
		Steif et al., "Subunit Interactions Provide a Significant Contribution to the Stability of the Dimeric Four- $\alpha$ -Helical-Bundle Protein ROP," <u>Biochemistry</u> , 32(15):3867-3875 (1993).
		Vanhoof et al., "Proline Motifs in Peptides and Their Biological Processing," <u>FASEB J.</u> , 9:736-744 (1995).
		Walter et al., "Proline Specific Endo- and Exopeptidases," <u>Mol. Cell. Bioch.</u> , 30(2):111-127 (1980).
		Yansura et al., "Use of the <i>Escherichia coli lac</i> Repressor and Operator to Control Gene Expression in <i>Bacillus subtilis</i> ," <u>Proc. Natl. Acad. Sci. USA</u> , 81:439-443 (1984).
SWL		Yaron et al., "Proline-Dependent Structural and Biological Properties of Peptides and Proteins," <u>Crit. Rev. Biochem. Mol. Biol.</u> , 28(1):31-81 (1993).

EXAMINER



Date Considered

3-18-04

\* Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce  
(Also form PTO-1449)

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: 235,00010101	Serial No.: 09,701,947
	Applicants: Elliot Altman	Confirmation No.: 9854
	Filing Date: December 5, 2000	Group: 1600
Supplemental Information Disclosure Statement mailed:		July <u>31</u> , 2002

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
SWL	5,212,083	05/18/93	Haldenwang	_____	_____	
	5,270,181	12/14/93	McCoy et al.	_____	_____	
	5,292,646	03/08/94	McCoy et al.	_____	_____	
	5,380,712	01/10/95	Ballance et al.	_____	_____	
	5,646,016	07/08/97	McCoy et al.	_____	_____	
	5,766,883	06/16/98	Ballance et al.	_____	_____	
	6,143,524	11/07/00	McCoy et al.	_____	_____	
SWL	6,165,470	12/26/00	Becquart et al.	_____	_____	

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
SWL	WO 91/01743	02/21/91	PCT	_____	_____		
	WO 98/22141 A2, A3	05/28/98	PCT	_____	_____		
	WO 01/45746 A2	06/28/01	PCT	_____	_____		
	WO 01/77137	10/25/01	PCT	_____	_____		
	WO 01/79258	10/25/01	PCT	_____	_____		
	WO 01/79442 A2	10/25/01	PCT	_____	_____		
	WO 01/79443	10/25/01	PCT	_____	_____		
	WO 01/79444	10/25/01	PCT	_____	_____		
SWL	WO 01/79480	10/25/01	PCT	_____	_____		

EXAMINER

SWL

Date Considered

3-18-04

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 235.00010101	Serial No.: 09/701,947
	Applicants: Elliot Altman	Confirmation No.: 9854
	Filing Date: December 5, 2000	Group: 1600
	Supplemental Information Disclosure Statement mailed: July <u>31</u> , 2002	

## OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
swl	Barling et al., "Indirect [ <sup>3</sup> H] Methyl Exchange as a General Method for Labeling Methionine Residues: Application to Calcitonin," <i>Analytical Biochemistry</i> , 1985 Feb. 1; 144(2):542-552.
	Bechinger et al., "Structure and orientation of the antibiotic peptide magainin in membranes by solid-state nuclear magnetic resonance spectroscopy," <i>Protein Science</i> , 1993; 2:2077-2084.
	Bedarkar et al., "Polypeptide hormone-receptor interactions: the structure and receptor binding of insulin and glucagon," <i>Molecular Interactions and Activity in Proteins: Ciba Foundation Symposium</i> , Excerpta Medica, Amsterdam, 1978; 60:105-121.
	Blanc et al., "Examination of the Requirement for an Amphiphilic Helical Structure in $\beta$ -Endorphin through the Design, Synthesis, and Study of Model Peptides," <i>J. Biol. Chem.</i> , 1983 July 10; 258(13):8277-8284.
	Cachia et al., "Calmodulin and Troponin C: A Comparative Study of the Interaction of Mastoparan and Troponin I Inhibitory Peptide [104-115]," <i>Biochemistry</i> , 1986; 25:3553-3562.
	Carmona et al., "Conformational structure of bombesin as studied by vibrational and circular dichroism spectroscopy," <i>Biochim. Biophys. Acta</i> , 1995; 1246:128-134.
	Colas et al., "Genetic selection of peptide aptamers that recognize and inhibit cyclin-dependent kinase 2," <i>Nature</i> , 1996 Apr. 11; 380:548-550.
	Fabbrizio et al., "Inhibition of mammalian cell proliferation by genetically selected peptide aptamers that functionally antagonize E2F activity," <i>Oncogene</i> , 1999; 18:4357-4363.
	Fezoui et al., "De novo design and structural characterization of an $\alpha$ -helical hairpin peptide: A model system for the study of protein folding intermediates," <i>Proc. Natl. Acad. Sci. USA</i> , 1994 April; 91:3675-3679.
swl	Fong et al., "Necessity of the Disulfide Bond of Vasopressin for Antidiuretic Activity," <i>Biochem. Biophys. Res. Comm.</i> , 1964; 14(3):302-306.

EXAMINER



Date Considered

3-18-04

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: 235.00010101	Serial No.: 09:701,947
	Applicants: Elliot Altman	Confirmation No.: 9854
	Filing Date: December 5, 2000	Group: 1600
Supplemental Information Disclosure Statement mailed:		July <u>31</u> , 2002

Examiner Initial	Document Description
SWL	Geyer et al., "Chapter 13: Selection of Genetic Agents from Random Peptide Aptamer Expression Libraries," <i>Methods in Enzymology</i> , 2000, Academic Press, 171-208.
	Gronenborn et al., "A <sup>1</sup> H-NMR study of the solution conformation of secretin," <i>FEBS Letters</i> , 1987 May; 215(1):88-94.
	Gyuris et al., "Cdi1, a Human G1 and S Phase Protein Phosphatase That Associates with Cdk2," <i>Cell</i> , 1993 Nov. 19; 75:791-803.
	Heitz et al., " <sup>1</sup> H 2D NMR and Distance Geometry Study of the Folding of <i>Ecballium elaterium</i> Trypsin Inhibitor, a Member of the Squash Inhibitors Family," 1989; 28:2392-2398.
	Khan et al., "Sequence-Specific <sup>1</sup> H NMR Assignments and Secondary Structure of Porcine Motilin," <i>Biochemistry</i> , 1990; 29:5743-5751.
	LaVallie et al., "A Thioredoxin Gene Fusion Expression System That Circumvents Inclusion Body Formation in the <i>E. coli</i> Cytoplasm," <i>BioTechnology</i> , 1993 Feb.; 11(2):187-193
	Lehrer et al., "Neutrophils and Host Defense," <i>Ann. Intern. Med.</i> , 1988 July 15; 109(2):127-142.
	Lu et al., "Expression of Thioredoxin Random Peptide Libraries on the <i>Escherichia coli</i> Cell Surface as Functional Fusions to Flagellin: A System Designed for Exploring Protein-Protein Interactions," <i>BioTechnology</i> , 1995 Apr.; 13:366-372.
	Makrides et al., "Extended <i>in Vivo</i> Half-Life of human soluble complement receptor type 1 fused to a serum Albumin-binding receptor," <i>J. Pharmacology and Experimental Therapeutics</i> , 1996; 277(1):534-542.
	Misono et al., "Rat Atrial Natriuretic Factor: Complete Amino Acid Sequence and Disulfide Linkage Essential for Biological Activity," <i>Biochem. Biophys. Res. Comm.</i> , 1984 March 15; 119(2):524-529.
SWL	Mor et al., "Structure, Synthesis, and Activity of Dermaseptin b, a Novel Vertebrate Defensive Peptide from Frog Skin: Relationship with Adenoregulin," <i>Biochemistry</i> , 1994; 33:6642-6650.

EXAMINER 	Date Considered 3-18-04
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: 235,00010101	Serial No.: 09-701,947
	Applicants: Elliot Altman	Confirmation No.: 9854
	Filing Date: December 5, 2000	Group: 1600
Supplemental Information Disclosure Statement mailed:		July <u>31</u> , 2002

Examiner Initial	Document Description
SWL	Namboodiri et al., "Activation of Pineal Acetyl Coenzyme A Hydrolase by Disulfide Peptides," <i>J. Biol. Chem.</i> , 1982; 257:10030-10032.
	Olivera et al., "Conotoxins," <i>J. Biol. Chem.</i> , 1991 Nov. 25 ; 266(33):22067-22070.
	Reed et al., "Circular Dichroic Investigations of Secondary Structure in Synthetic Peptide Inhibitors of cAMP-Dependent Protein Kinase: A Model for Inhibitory Potential," <i>Biochemistry</i> , 1987; 26:7641-7647.
	Smith, "Filamentous Fusion Phage: Novel Expression Vectors that Display Cloned Antigens on the Virion Surface," <i>Science</i> , 1985 June 14; 228:1315-1317.
	Sugio et al., "Crystal structure of human serum albumin at 2.5 Å resolution," <i>Protein Engineering</i> , 1999; 12(6):439-446.
	Terwilliger et al., "The Structure of Melittin," <i>J. Biol. Chem.</i> , 1982 June 10; 257(11):6010-6015.
	Urry et al., "Confirmational Studies on Neurohypophyseal Hormones: The Disulfide Bridge of Oxytocin," <i>Proc. Natl. Acad. Sci. USA</i> , 1968; 60:967-974.
	Williams et al., "Secondary Structure of Substance P Bound to Liposomes in Organic Solvents and in Solution from Raman and CD Spectroscopy," <i>J. Biol. Chem.</i> , 1990 Feb. 15; 265(5):2505-2513.
	Xu et al., "Primary Structure and Anticandidal Activity of the Major Histatin from Parotid Secretion of the Subhuman Primate, <i>Macaca fascicularis</i> ," <i>J. Dent. Res.</i> , 1990 Nov.; 69(11):1717-1723.
SWL	Yeh et al., "Design of yeast-secreted albumin derivatives for human therapy: Biological and antiviral properties of a serum albumin-CD4 genetic conjugate," <i>Proc. Natl. Acad. Sci. USA</i> , 1992 Mar.; 89:1904-1908.

EXAMINER 	Date Considered 3-18-04
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: 235.0001 0101	Serial No.: 09/701,947
		Confirmation No.:
	Applicant(s): Elliot Altman	
	Filing Date: December 5, 2000	Group: Unknown

**U.S. PATENT DOCUMENTS**

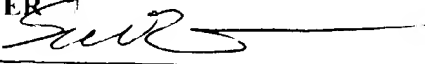
Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	NONE					

**FOREIGN PATENT DOCUMENTS**

Document Number	Date	Country	Class	SubClass	Translation	
					Yes	No
NONE						

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

SWL		Altman et al., "Characterization of Region in Mature LamB Protein That Interacts with a Component of the Export Machinery of <i>Escherichia coli</i> ", <u>J. Biol. Chem.</u> , 265(30):18148-18153 (1990).
		Amann et al., "'ATG vectors' for regulated high-level expression of cloned genes in <i>Escherichia coli</i> ", <u>Gene</u> , 40:183-190 (1985).
		Amann et al., "Tightly regulated <i>tac</i> promoter vectors useful for the expression of unfused and fused proteins in <i>Escherichia coli</i> ", <u>Gene</u> , 69:301-315 (1988).
		Bai et al., "Structural Specificity of Mucosal-Cell Transport and Metabolism of Peptide Drugs: Implication for Oral Peptide Drug Delivery", <u>Pharmaceutical Res.</u> , 9(8):969-978 (1992).
		Bai et al., "Targeting of Peptide and Protein Drugs to Specific Sites in the Oral Route", <u>Crit. Rev. Ther. Drug Carrier Systems</u> , 12(4):339-371 (1995).
		Balbás et al., "Plasmid vector pBR322 and its special-purpose derivatives - a review", <u>Gene</u> , 50:3-40 (1986).
		Beremand et al., "Synthesis, Cloning, and Expression in <i>Escherichia coli</i> of a Spinach Acyl Carrier Protein-1 Gene", <u>Arch. Biochem. Biophys.</u> , 256(1):90-100 (1987).
SWL		Bolivar et al., "Construction and Characterization of New Cloning Vehicles", <u>Gene</u> , 2:95-113 (1977).

EXAMINER 	Date Considered 3-18-04
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



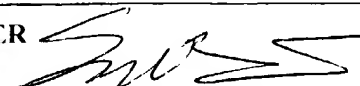
<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 235.0001 0101	<b>Serial No.:</b> 09/701,947
		<b>Confirmation No.:</b>
	<b>Applicant(s):</b> Elliot Altman	
	<b>Filing Date:</b> December 5, 2000	<b>Group:</b> Unknown

swl	Brosius et al., "Regulation of ribosomal RNA promoters with a synthetic <i>lac</i> operator", <i>Proc. Nat'l. Acad. Sci. USA</i> , 81:6929-6933 (1984).
	Brownlees et al., "Peptidases, Peptides, and the Mammalian Blood-Brain Barrier", <i>J. Neurochem.</i> , 60(3):793-803 (1993).
	Casadaban et al., "Analysis of Gene Control Signals by DNA Fusion and Cloning in <i>Escherichia coli</i> ", <i>J. Mol. Biol.</i> , 138:179-207 (1980).
	Cesareni et al., "Control of ColE1 DNA replication: The <i>rop</i> gene product negatively affects transcription from the replication primer promoter", <i>Proc. Nat'l. Acad. Sci. USA</i> , 79:6313-6317 (1982).
	Chou et al., "Prediction of the Secondary Structure of Proteins from Their Amino Acid Sequence", <i>Adv. Enzymol.</i> , 47:45-148 (1978).
	Chou, "Prediction of Protein Structural Classes from Amino Acid Compositions", in <i>Prediction of Protein Structure and the Principles of Protein Conformation</i> , Fasman, G.D. ed., Plenum Press, New York, N.Y., pp. 549-586 (1989).
	Creighton, <i>Proteins - Structures and Molecular Properties</i> , W.H. Freeman and Company, N.Y., pp. 182-186 (1993).
	Cwirla et al., "Peptides on phage: A vast library of peptides for identifying ligands", <i>Proc. Nat'l. Acad. Sci. USA</i> , 87:6378-6382 (1990).
	Devlin et al., "Random Peptide Libraries: A Source of Specific Protein Binding Molecules", <i>Science</i> , 249:204-406 (1990).
	Eberle et al., "Proton Nuclear Magnetic Resonance Assignments and Secondary Structure Determination of the ColE1 <i>rop</i> (rom) Protein", <i>Biochemistry</i> , 29:7402-7407 (1990).
	Egleton et al., "Bioavailability and Transport of Peptides and Peptide Drugs into the Brain", <i>Peptides</i> , 18(9):1431-1439 (1997).
	Eichler et al., "Peptide, Peptidomimetic, and Organic Synthetic Combinatorial Libraries", <i>Medicinal Research Reviews</i> , 15(6):481-496 (1995).
	Eren et al., "Chemical Synthesis and Expression of a Synthetic Gene for the Flavodoxin from <i>Clostridium MP</i> ", <i>J. Biol. Chem.</i> , 264(25):14874-14879 (1989).
swl	Garnier et al., "Analysis of the Accuracy and Implications of Simple Methods for Predicting the Secondary Structure of Globular Proteins" <i>J. Mol. Biol.</i> , 120:97-120 (1978).

<b>EXAMINER</b> swl	<b>Date Considered</b> 3-18-04
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 235.0001 0101	<b>Serial No.:</b> 09/701,947
		<b>Confirmation No.:</b>
	<b>Applicant(s):</b> Elliot Altman	
	<b>Filing Date:</b> December 5, 2000	<b>Group:</b> Unknown

SwL		Ghosh et al., "cDNA Cloning, Expression, and Rapid Purification of a Kunitz-Type Winged Bean Chymotrypsin Inhibitor", <u>Protein Expression and Purification</u> , 10:100-106 (1997).
		Godson, "An over-expression plasmid for <i>Escherichia coli</i> primase", <u>Gene</u> , 100:59-64 (1991).
		Graña et al., "The Effects of Mutations in the <i>ant</i> Promoter of Phage P22 Depend on Context", <u>Genetics</u> , 120:319-327 (1988).
		Grosjean et al., "Preferential codon usage in prokaryotic genes: the optimal codon-anticodon interaction energy and the selective codon usage in efficiently expressed genes", <u>Gene</u> , 18:199-209 (1982).
		Guyer et al., "Identification of a Sex-factor-affinity Site in <i>E. coli</i> as $\gamma\delta$ , Cold Spring Harbor Symp. Quant. Biol., 45:135-140 (1980).
		Ikemura, "Correlation between the Abundance of <i>Escherichia coli</i> Transfer RNAs and the Occurrence of the Respective Codons in its Protein Genes: A Proposal for a Synonymous Codon Choice that is Optimal for the <i>E. coli</i> Translational System", <u>J. Mol. Biol.</u> , 151:389-409 (1981).
		Itakura et al., "Expression in <i>Escherichia coli</i> of a Chemically Synthesized Gene for the Hormone Somatostatin", <u>Science</u> , 198:1056-1063 (1977).
		Klein et al., "The detection and classification of membrane-spanning proteins", <u>Biochim. Biophys. Acta</u> , 815:468-476 (1985).
		Lam, "Application of combinatorial library methods in cancer research and drug discovery", <u>Anti-Cancer Drug Design</u> , 12:145-167 (1997).
		Lebl et al., "Synthetic Peptide Libraries", in <u>Meth. Enzymol.</u> , 289:336-392 (1997).
		Lin-Chao et al., "High copy number of the pUC plasmid results from a Rom/Rop-suppressible point mutation in RNA II", <u>Mol. Microbiol.</u> , 6(22):3385-3393 (1992).
		Lowman, "Bacteriophage Display and Discovery of Peptide Leads For Drug Development", <u>Annu. Rev. Biophys. Biomol. Struct.</u> , 26:401-424 (1997).
		Miller, "Experiments in Molecular Genetics", <u>Cold Spring Harbor Laboratory</u> , Cold Spring Harbor, N.Y., Title Page and Table of Contents (1972).
SwL		Miller et al., "An <i>E. coli</i> Gene Product Required for $\lambda$ Site-Specific Recombination" <u>Cell</u> , 20:711-719 (1980).

<b>EXAMINER</b> 	<b>Date Considered</b> 3-18-04
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 235.0001 0101	<b>Serial No.:</b> 09/701,947
		<b>Confirmation No.:</b>
	<b>Applicant(s):</b> Elliot Altman	
	<b>Filing Date:</b> December 5, 2000	<b>Group:</b> Unknown

gwl	Miller et. al., "Interior and Surface of Monomeric Proteins" <u>Mol. Biol.</u> 196:641-656 (1987).
	Miller, "Protein Degradation and Proteolytic Modification", <u>Escherichia coli and Salmonella, Cellular and Molecular Biology</u> , 2nd Edition (Neidhardt, F.C. ed.), ASM Press, Washington, D.C., Vol. 1:938-954 (1996).
	Müller-Hill, "Lac Repressor and Lac Operator", <u>Prog. Biophys. Molec. Biol.</u> , 30(2/3):227-252 (1975).
	Müller-Hill, <u>The lac Operon: A Short History of a Genetic Paradigm</u> , Walter de Gruyter, Berlin, New York, Title Page and Table of Contents (1996).
	O'Neil et al., "A Thermodynamic Scale for the Helix-Forming Tendencies of the Commonly Occurring Amino Acids", <u>Science</u> , 250:646-651 (1990).
	Ooki et al., "High level expression of rat $\gamma$ -D-crystallin in <i>Escherichia coli</i> ", <u>Biochemie</u> , 76(5):398-403 (1994).
	Posfai et al., "Overproduction of the <i>Bacillus sphaericus</i> R modification methylase in <i>Escherichia coli</i> and its purification of homogeneity", <u>Gene</u> , 50:63-67 (1986).
	Raleigh et al. "McrA and McrB restriction phenotypes of some <i>E. coli</i> strains and implications for gene cloning", <u>Nucleic Acids Research</u> , 16:1563-1575 (1988).
	Ranie et al., "Cloning of the triosephosphate isomerase gene of <i>Plasmodium falciparum</i> and expression in <i>Escherichia coli</i> ", <u>Molecular and Biochemical Parasitology</u> , 61:159-169 (1993).
	Rawlings et al., "Evolutionary families of peptidases", <u>Biochem J.</u> , 290:205-218 (1993).
	Sanders, "Drug delivery systems and routes of administration of peptide and protein drugs", <u>European Journal of Drug Metabolism and Pharmacokinetics</u> , 15(2):95-102 (1990).
	Scott et al., "Searching for Peptide Ligands with an Epitope Library", <u>Science</u> , 249:386-390 (1990).
	Scrutton et al., "Purification and characterization of glutathione reductase encoded by a cloned and over-expressed gene in <i>Escherichia coli</i> ", <u>Biochem J.</u> , 245:875-880 (1987).
gwl	Sherman et al. "Methionine or Not Methionine at the Beginning of a Protein". <u>BioEssays</u> , 3(1):27-31 (1985).

<b>EXAMINER</b> gwl	<b>Date Considered</b> 3-18-04
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 235.0001 0101	<b>Serial No.:</b> 09/701,947
		<b>Confirmation No.:</b>
	<b>Applicant(s):</b> Elliot Altman	
	<b>Filing Date:</b> December 5, 2000	<b>Group:</b> Unknown

<i>Sul</i>		Singer et al., "A Collection of Strains Containing Genetically Linked Alternating Antibiotic Resistance Elements for Genetic Mapping of <i>Escherichia coli</i> ", <u>Microbiol. Rev.</u> , 53(1):1-24 (1989).
		Smith et al., "[15] Libraries of Peptides and Proteins Displayed on Filamentous Phage", <u>Meth. Enzymol.</u> , 217:228-257 (1993).
		Studier et al., "Use of Bacteriophage T7 RNA Polymerase to Direct Selective High-level Expression of Cloned Genes", <u>J. Mol. Biol.</u> , 189:113-130 (1986).
		Studier et al., "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes", <u>Meth. Enzymol.</u> , 185:60-89 (1990).
		Studier, "Use of Bacteriophage T7 Lysozyme to Improve an Inducible T7 Expression System", <u>J. Mol. Biol.</u> , 219:37-44 (1991).
		Vieira et al., "The pUC plasmids, an M13mp7-derived system for insertion mutagenesis and sequencing with synthetic universal primers", <u>Gene</u> , 19:259-268 (1982).
		Wearley, "Recent Progress in Protein and Peptide Delivery by Noninvasive Routes", <u>Crit. Rev. Ther. Drug Carrier Systems</u> , 8(4):331-394 (1991).
		Weisemann et al., "Direct Selection of Mutations Reducing Transcription or Translation of the <i>recA</i> Gene of <i>Escherichia coli</i> with a <i>recA-lacZ</i> Protein Fusion", <u>J. Bacteriol.</u> , 163(2):748-755 (1985).
		Wolfenden et al., "Affinities of Amino Acid Side Chains for Solvent Water", <u>Biochemistry</u> , 20:849-855 (1981).
		Yanisch-Perron et al., "Improved M13 phage cloning vectors and host strains: nucleotide sequences of the M13mp18 and pUC19 vectors", <u>Gene</u> , 33:103-119 (1985).
<i>Ecol</i>		Zukowski et al., "Chromogenic identification of genetic regulatory signals in <i>Bacillus subtilis</i> based on expression of cloned <i>Pseudomonas</i> gene, <u>Proc. Nat'l. Acad. Sci. USA</u> , 80:1101-1105 (1983).

<b>EXAMINER</b> <i>Sever</i>	<b>Date Considered</b> <i>3-18-2004</i>
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	